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MEMORANDUM

To: Bonnie Lavelle, Chris Weis
From: Mary Goldade
Date: November 10, 1999
Project: Vasquez Boulevard & I-70 Site Phase III
RE: Quality Control Samples-Phase III Database Maintenance - Revised
cc: Project Files, Doug Weinle

On October 8, 1999 ISSI Consulting Group, Inc. (ISSI) and Morrison Knudsen Corporation (MK) met with USEPA to discuss the status of Phase III sampling and to report on the quality of the data obtained to date. As a result of that meeting, MK agreed to revise the Phase III Database to alter some quality control (QC) samples for easier database extraction. These samples are currently identified as "OT" (other) in the database. The recommended changes are summarized below. These changes should be performed.

Method Detection Limit Samples

All samples used to perform method detection limit (MDL) studies should be labeled as "MDL" in the "Class" column. In order to extract information about the particular MDL study, the ISSI sample ID should also be entered into the "Parent Sample" column. The ISSI sample IDs are provided on the chain-of-custody form (e.g., MDL2-1) or are the VBI70 field ID, if a site soil was chosen.

Homogenization Testing

All samples used to evaluate the homogenization of composite samples should be labeled as "MIX" in the "Class" column.

Proficiency Testing

All samples used to determine an analyst's ability to perform the XRF test method (proficiency test samples) should be labeled as "PRF" in the "Class" column.

R:\Vasquez & I-70\Phase III\Draft data\Database Corrections-revised 11-10-99.wpd

Contract No.: N00174-99-D-003
Delivery Order No.: 0002
Purchase Request No.: 9203.3858
EPA IAG No.: DW17953800-01-0

The following analogous change should also be implemented.

Blind Standards

All blind standards are currently being labeled in the database as "PE" in the "Class" column. In order to extract information about the known concentration levels, a data entry table is provided in the updated database submitted via e-mail to MK on November 10, 1999. MK will enter the field ID assigned to the corresponding ISSI sample ID provided in the table. The ISSI sample IDs are provided on the chain-of-custody form and are entered onto the VBI70 QC Data Sheet for Soil Blind Standards (e.g., 055831A0052).